

INFORMATION DISCLOSURE STATEMENT	Case Name:	J. Aizenberg 5-2-15
	Serial No.	
	Applicant:	J. Aizenberg, et al.
	Filing Date:	July 31, 2003
	Group:	

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Dat
	AA	5,348,687	9/20/94	Beck et al.	252	582	11/26/93
	AB	5,948,470	9/7/99	Harrison et al.	427	198	4/22/98
	AC	6,027,666	2/22/00	Ozin et al.	252	301.4R	6/5/98
	AD	6,319,427	11/20/01	Ozin et al.	252	301.4F	2/7/00
	AE	5,248,734	9/28/93	Ober et al.	525	328.8	6/16/92
	AF	5,665,527	9/9/97	Allen et al.	430	325	2/3/97
	AG	6,329,070 B1	12/11/01	Sass et al.	428	612	12/7/00
	AH	6,379,874 B1	4/30/02	Ober et al.	430	322	10/16/00
	AI	Serial No. 10/321027		Reichmanis et al.			12/17/02
	AJ	5,922,299	7/13/99	Bruinsma et al.	423	335	8/26/97
	AK	Serial No. 10/098286		C.H. Chen et al.			3/15/02
	AL	Serial No. 10/040017		M. Megens et al.			1/4/02
	AM	6,471,761	10/29/02	Fan et al.	106	287.16	4/20/01
	AN	6,387,453	5/14/02	Brinker et al.	427	387	3/2/00
	AO	6,465,387	10/15/02	Pinnavaia et al.	502	158	10/18/00

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
	AP	WO 01/42540 A1	6/14/01	PCT	C30B	33/00	Yes
	AQ	WO 01/51990 A1	7/19/01	PCT	G03C	5/00	Yes
	AR	WO 01/31404 A1	5/3/01	PCT	G03F	7/30	Yes

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AS	Tuberfield, A.J., "Photonic Crystals Made By Holographic Lithography," MRS. Bulletin, August 2001, pp. 632-636.
	AT	Campbell, M., et al., "Fabrication of Photonic Crystals For The Visible Spectrum by Holographic Lithography," Nature, Vol. 404, March 2, 2000, pp. 53-56.
	AU	Ho, K.M., et al., "Existence Of A Photonic Gap In Periodic Dielectric Structures," Physical Review Letters, Vol. 65, No. 25, December 17, 1990, pp. 3152-3155.
	AV	Ozby, E., et al., "Measurement Of A Three-Dimensional Photonic Band Gap In A Crystal Structure Made Of Dielectric Rods," Physical Review B, Vol. 50, No. 3, July 15, 1994, pp. 1945-1948.

EXAMINER	DATE CONSIDERED

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

	AW	Tuberfield, A., "Photonic Crystals Made By Holographic Lithography," ABSTRACT from Symposium K, Microphotonics-Materials, Physics, and Applications," Nov. 26-29, 2001, 1 page.
	AX	Shoji, S., et al., "Photofabrication Of Three-Dimensional Photonic Crystals By Multibeam Laser Interference Into A Photopolymerizable Resin," Applied Physics Letters, Vol. 76, No. 19, May 8, 2000, pp. 2668-2670.
	AY	Sundararajan, N., et al. "Supercritical CO ₂ Processing for Submicron Imaging of Fluoropolymers," Chemistry of Materials Vol. 12, No. 1, January 2000, pps. 41-48.
	AZ	Kresge, C.T., et al: "Ordered mesoporous molecular sieves synthesized by a liquid-crystal template mechanism" NATURE, vol. 359, October, 1992, pp. 710-712.
	AA-1	Tanev, Peter T., et al: "A Neutral Templating Route to Mesoporous Molecular Sieves," SCIENCE, vol. 267, February, 1995, pp. 865-867.
	AA-2	Huo, Q. et al: "Generalized synthesis of periodic surfactant/inorganic composite materials," NATURE, vol. 368, March, 1994, pp. 317-321.
	AA-3	Sanchez, C., et al: "Design and Properties of Hybrid Organic-Inorganic Nanocomposites for Photonics," MRS Bulletin, May, 2001, pp. 377-387.
	AA-4	Yang, P., et al: "Hierarchically Ordered Oxides," Science, vol. 282, December 1998, pp. 2244-2246.
	AA-5	Templin, M. et al: "Organically Modified Aluminosilicate Mesostructures from Block Copolymer Phases," Science, vol. 278, December, 1997, pp. 1795-1798.
	AA-6	Raman, N.K., et al: "Template-Based Approaches to the Preparation of Amorphous, Nanoporous Silicas," Chemical Matter, vol. 8, February, 1996, pp. 1682-1701.
	AA-7	Yang, P., et al: "Block Copolymer Templating Syntheses of Mesoporous Metal Oxides with Large Ordering Lengths and Semicrystalline Framework," Chemical Matter, vol. 11, 1999, pp. 2813-2826.
	AA-8	Brinker, C.J., et al., "Evaporation-Induced Self-Assembly: Nanostructures Made Easy" Advanced Materials, vol. 11, 1999, pp. 579-585.
	AA-9	Lee, Y-J., Braun, P.V., "Tunable Inverse Opal Hydrogel pH Sensors," Adv. Mater. 2003, 15, No. 7-8, April 17, 2003, pp. 563-566.
	AA-10	Arsenault, A.C., et al., "A Polychromic, Fast Response Metallopolymer Gel Photonic Crystal with Solvent and Redox Tunability: A Step Towards Photonic Ink (P-Ink)," Adv. Mater. 2003, 15, No. 6, March 17, 2003, pp. 503-507.
	AA-11	Zhang, S., et al., "Materials and techniques for electrochemical biosensor design and construction," Biosensors & Bioelectronics 15, (2000), pp. 273-282.
	AA-12	Wu, H., et al., "Reduction Photolithography Using Microlens Arrays: Applications in Gray Scale Photolithography," Analytical Chemistry, Vol. 74, No. 14, July 15, 2002, pp. 3267-3273.
	AA-13	Leister Microsystems, leaflet by Leister Microsystems entitled, "Micro-optics – Imagine the Future of Light," Sept. 2000, 4 pages.
	AA-14	Stokes, D.L., et al., "Detection of E. coli using a microfluidics-based Antibody Biochip detection systems," Fresenius, J. Anal Chem (2001) 369, pp. 295- 301.
	AA-15	Jahns, J., et al., "Microoptics for biomedical applications," American Biotechnology Laboratory, No. 18, October, 2000, pp. 52 and 54.
	AA-16	Campbell, D.J., et al., "Replication and Compression of Bulk and Surface Structures with Polydimethylsiloxane Elastomer," Journal of Chemical Education, Vol. 75, No. 4, April 1999, pp. 537-541.
	AA-17	Kruk, M., et al., "Mesoporous Silicate-Surfactant Composites with Hydrophobic Surfaces and Tailored Pore Sizes," Journal of Physical Chemistry 106 B (2002) pp. 10096 - 10101.
	AA-18	Thrush, E., et al., "Integrated semiconductor fluorescent detection system for biochip and biomedical applications," IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine & Biology, May 2002, pp. 374-379.

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header